

PATENT ABSTRACTS OF JAPAN

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(57)Abstract:

PURPOSE: To facilitate agreement of the rotation center with an armature shaft by piling plate materials having fixation protrusions on the inner peripheral faces one on top of another, cutting the materials integrated by molding with the armature shaft, and thereby forming a commutator segment.

CONSTITUTION: A plurality of fixation protrusions 10c as fixation protrusions 5d toward the center of circular faces 10b are made on the inner peripheral faces of plate materials 10. Lead wire connections 5c projecting to the outside are made on the circular face 10b of one of the plate materials 10. The plate material 10 having the lead wire connections 5c and the other plate materials 10 piled thereon are fitted on and integrated, by molding, with an armature shaft 3, with the center of the circular faces 10b agreeing with the rotation center of the armature shaft 3, and cut to make a commutator segment 5. Thereby the rotation center of the commutator segment agrees with that of the armature shaft and brushes are applied uniformly.



